

PTO SB 65 (05-9-11)  
 App. [redacted] use through 12-31-2012. OMB # 651-0032  
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288-034000B EKS PSC

Priority Document No.		1,288,637,000B FKS PM
First Inventor		Brent J. KRUEGER
Title	Methods of Using Chemokine $\beta$ -6 (as amended hereinafter)	
Express Mail Label No.		

Only for new nonprovisional applications under § 1.152(b)

ADDRESS TO:

Assistant Commissioner for Patents  
Box, Patent Application  
Washington, DC 20531

**6 APPLICATION ELEMENTS**  
See MPEP Chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO SB 17)  
*Submit an original and a duplicate for fee processing.*
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 173]  
*preferred arrangement set forth below:*  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed-sponsored R & D  
- Reference to sequence listing, a table  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings *if filed*  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) [Total Sheets 28]
5. Oath or Declaration [Total Pages 3]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 CFR 1.63(d))  
*(or continuation divisional with Box 19 completed)*  
1. ☒ DECLARATION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR §§  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Printout  
*if possible*
8. Nucleotide and/or Amino Acid Sequence Submission  
*if applicable, all necessary*
- a. ☒ Request to Open New Disk File
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 73(b) Statement ☐ Power of Attorney  
*(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS) PTO-1449 ☐ Copies of IDS Citations
13. ☒ First Preliminary Amendment and Statement Under 37 C.F.R. § 1.63(d)(2).
14. ☒ Second Preliminary Amendment
15. ☒ Return Receipt Postcard (MPI P-503) *(should be specified, if required)*
16. ☐ Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
17. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach term PTO SB 35 or its equivalent.
18. ☒ Other: Authorization under 37 C.F.R. § 1.156(a)(5)  
☒ Other: The name of the assignee is: Human Genome Sciences, Inc.  
☒ Other: Letter to PTO Draftsman: Submission of Formal Drawings (Figures 1, 2, 3, 4A-4B, 5A-5B, 6, 7, 8, 9, 10A-10B, 11A-11B, 11C, 11D, 12, 13, 14A, 14B, 15A, 15B, 16A, 16B, 17, 18A, 18B, 19A, 19B, 20A, 20B, 21 and 22)

19. If a CONTINUING APPLICATION, check appropriate box and signify the requisite information below, and in a preliminary amendment to the Application Data Sheet under § 37 CFR 1.76

☐ Continuation ☒ Divisional ☐ Continuation-in-Part (CIP) of prior application No. 09/410,281  
Pre-filing information Examiner Kemmerer, J. (info) Tel./Ext. 1636

☐ Continuation ☒ Divisional ☐ Continuation-in-part of Group 1: Part 1646  
 Pre- or application information Examiner Kemmerer, L  
 For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is  
 considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only  
 be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 20. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label  
Customer No. 28-30



or ☐ Correspondence address below

(Insert Customer #) 285340 Attach bar code label here)

NAME		NORM KESSLER INDUSTRIES & LTD. TRADEMARK OFFICE			
ADDRESS		ATTORNEYS AT LAW			
TELEPHONE		STREET		CITY	
TELETYPE		TELEPHONE		TELETYPE	
COUNTRY					
NAME OF AGENT	ERIC K. SMITH			REGISTERED AGENT	YES
TELEPHONE				TELETYPE	

STANDARD FORM NO. 64 (Rev. 5-22-64)

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Complete if Known

Application Number	To be assigned (Divisional of U.S. Appl. No. 09/419,281; Filed: October 15, 1999)
Filing Date	Herewith
First Named Inventor	Brent L. Kreider
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	1488.034000B/EKS/PSC

TOTAL AMOUNT OF PAYMENT (\$3,782.00)

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 19-0036  
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed

☒ Check ☐ Credit card ☐ Money Order ☒ Other\*

\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
105	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

### 2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims 189	+ 20** = 169	X 18.00	= 3,042.00
Independent Claims 2	+ 3** = 0	X 0	= 0.00
Multiple Dependent	0	= 0.00	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
115	110	215	55	Surcharge - late filing fee or oath
127	50	227	25	Substantive late fee (examining fee or interview fee)
139	130	239	65	Non-English specification
147	2,520	247	1,260	For filing a request for ex parte reexamination
112	920*	212	460*	Requesting publication of SIR prior to Examiner action
113	1,840*	213	920*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	460	Extension for reply within third month
118	1,440	218	720	Extension for reply within fourth month
126	1,960	226	980	Extension for reply within fifth month
119	320	219	160	Notice of Appeal
120	320	220	160	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1,510	238	755	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,280	241	640	Petition to revive - unintentional
142	1,280	242	640	Utility issue fee (or reissue)
143	460	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	222	65	Petitions to the Commissioner
123	130	223	65	Petitions related to provisional applications
125	180	225	90	Submission of Information Disclosure Stmt.
581	40	481	20	Recording each patent assignment per property (times number of properties)
145	740	245	370	Filing a submission after final rejection (37 CFR 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
160	920	260	460	Request for expedited examination of a design application

SUBTOTAL (2) (\$) 3,042.00

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Substantive late fee (examining fee or interview fee)	
139	130	239	65	Non-English specification	
147	2,520	247	1,260	For filing a request for ex parte reexamination	
112	920*	212	460*	Requesting publication of SIR prior to Examiner action	
113	1,840*	213	920*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
126	1,960	226	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	238	755	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	222	65	Petitions to the Commissioner	
123	130	223	65	Petitions related to provisional applications	
125	180	225	90	Submission of Information Disclosure Stmt.	
581	40	481	20	Recording each patent assignment per property (times number of properties)	
145	740	245	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
160	920	260	460	Request for expedited examination of a design application	
Other fee - specify					
Other fee - specify					
(Required by Basic Filing Fee Paid)					
SUBTOTAL (3)					\$

### SUBMITTED BY

Name (Print Type): Eric K. Sterne

Registration No. 36,499

Telephone

202-371-2900

Signature

Date

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2035.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

110 • JOURNAL OF DOCUMENTATION

01/25/02

100-931 U.S. PTO

[illegible][illegible]

WRITER'S DIRECT NUMBER:

020371-2041

**INTERNET ADDRESS:**

### THE STUDY OF STUDY COMMUNITIES

### Box: Patent Application

Sir:

1. PTO Fee Transmittal (Form PTO SB 17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO SB 05) (*in duplicate*);
3. U.S. Utility Patent Application entitled:

and naming as inventors:

Brent L. KREIDER  
Steven M. RUBEN  
Henrik S. OLSEN

Commissioner for Patents

January 25, 2002

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the application consisting of:

- a. A specification containing:
  - i. 167 pages of description prior to the claims (including a sequence listing on pages 115-167);
  - ii. 5 pages of claims (1-40 claims);
  - iii. a one (1) page abstract;
- b. 28 sheets of drawings (Figures 1-13, 14A, 14B, 15A, 15B, 16A, 16B, 17, 18A, 18B, 19A, 19B, 20A, 20B, 21 and 22);
- c. A copy of the executed combined Declaration and Power of Attorney, as originally filed in U.S. Appl. No. 08/995,156;
- d. An Application Data Sheet (37 C.F.R. § 1.76);
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
5. First Preliminary Amendment and Statement Under 37 C.F.R. § 1.63(d)(2);
6. Second Preliminary Amendment;
7. Request to Open New Disk File;
8. Letter to PTO Draftsman: Submission of Formal Drawings (*in duplicate*);
9. 29 sheets of formal drawings (Figures 1, 2, 3, 4A-4B, 5A-5B, 6-7, 8, 9, 10A-10B, 11A-11B, 11C, 11D, 12, 13, 14A, 14B, 15A, 15B, 16A, 16B, 17, 18A, 18B, 19A, 19B, 20A, 20B, 21 and 22);
10. Two (2) return postcards; and
11. Our check no. 33987 for \$3,782.00 to cover:
  - \$ 740.00 Filing fee for patent application;
  - \$3,042.00 Fee for excess claims (37 C.F.R. § 1.16).

Commissioner for Patents

January 25, 2002

Page 3

The name of the assignee is Human Genome Sciences, Inc.

Correspondence should be sent to Customer Number 28730.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Helene C. Carlson  
Agent for Applicants  
Registration No. 47,473

HCC PSC 1am  
Enclosures